

Mississippi State Department of Health

## **Cooperative Agreement on Public health Preparedness and Response for Bioterrorism - Budget Year Five, Logic Model**

Inputs	Activities (Process Objectives)	Output (Activity Results)	Short Term Outcomes	Intermediate Term Outcomes	Long Term Objective (Outcome Objective)
CDC Grant \$9,671,470.00	Fulfill requirements for coordinator through either hiring or contract.	Appoint or continue to support a coordinator for the National Smallpox Vaccination Program.	Continue to support the Senior Public Health Official within the state/local health department to serve as Executive Director of the Public Health Preparedness and Response Program.	Establish or enhance a coordinated and integrated process for setting goals and objectives, implementing work plans with timelines, monitoring progress, and allocating resources as it relates to this entire cooperative agreement program.	To establish a process for strategic leadership, direction, coordination, and assessment of activities to ensure state and local readiness, interagency collaboration, and preparedness for bioterrorism, other outbreaks of infectious disease, and other public health threats.
	Generate, administer, and compile data from an assessment	Conduct an assessment of status, regulations, and ordinances within the state and local public health jurisdictions that include special provisions for liability protection and compensation for adverse events post-vaccination of healthcare personnel who participate in the National Smallpox Vaccination Program.	Conduct a comprehensive analysis of all information and data obtained during the assessments of emergency preparedness and response capabilities related to bioterrorism, other infectious disease outbreaks, and other public health threats and emergencies.	Conduct a comprehensive analysis of all information and data obtained during the assessments of status, regulation, and ordinances within the state and local public health jurisdictions that provide for credentialing, licensure, and delegation of authority for executing emergency public health measures, as well as special provisions for the liability of healthcare personnel in coordination with adjacent states.	To conduct integrated assessments of public health system capacities related to bioterrorism, other infectious disease outbreaks, and other public health threats and emergencies to aid and improve planning, coordination, and implementation.
	Create response plans through intra-agency planner and approve plans through proper advisory channels	Exercise all plans to demonstrate proficiency in responding to bioterrorism, other infectious disease outbreaks, and other public health threats and emergencies. Modify plans as indicated.	Develop or enhance scalable plans that support local, statewide, and regional response to incidents of bioterrorism, catastrophic infectious disease, such as pandemic influenza, other infectious disease outbreaks, and other public health threats and emergencies.	Maintain a system for 24/7 notification or activation of the public health emergency response system.	To respond to emergencies caused by bioterrorism, other infectious disease outbreaks, and other public health threats and emergencies through the development, exercise, and evaluation of a comprehensive public health emergency preparedness and response plan.
	Purchase or create a secure, web-based system for surveillance	→ Establish a secure, web-based reporting and notification system that provides for rapid and accurate receipt of reports of disease outbreaks and other acute health events that might suggest bioterrorism.	→ Develop the capacity to track the degree to which persons who have not been exposed to a potential terrorist or emerging infectious agent see acute care at health care facilities.	→ With local public health agencies, identify and maintain a current list of physicians and other providers with experience and/or skills in the diagnosis and treatment of infectious, chemical, or radiological diseases or conditions possibly resulting from a terrorism-associated event who may serve as consultants during a public health emergency.	→ To rapidly and effectively investigate and respond to a potential terrorist event as evidenced by a comprehensive and exercised epidemiologic response plan that addresses surge capacity, delivery of mass prophylaxis and immunizations, and pre-event development of specific epidemiologic investigation and response needs.
	Through advisory committees, health department-sponsored training, and other common educational opportunities, create networking opportunities with other healthcare related institutions	Enhance relationships with other chemical terrorism-related resources such as poison control centers, emergency medical personnel, medical toxicologists, food regulatory laboratories, schools of public health, and other partners with a view to ensuring that medical and public health officials have the benefit of at least preliminary chemical laboratory analyses in time to facilitate both the care of victims and the management of the incident.	Hire and train a chemical terrorism laboratory coordinator and assistant coordinator to advise the laboratory director, the State Terrorism Coordinator, and other public health environmental health officials about chemical terrorism incidents and preparedness.	Develop a component, incorporated within the comprehensive response plan, directing how public health, food testing, environmental testing, and other laboratories within jurisdiction will respond to a chemical terrorism incident.	To develop and implement a jurisdiction-wide program that provides rapid and effective laboratory response for chemical terrorism by establishing competency in collection and transport of clinical specimens to laboratories capable of measuring chemical threat agents.
	Identify and train local health agencies to serve as training centers for local training needs	Develop effective public health communications connectivity by identifying local health agencies to serve as model sites for training and education, support for organizations capacity building, and the creation of knowledge management systems for public health practitioners.	Implement a plan for connectivity of key stakeholders involved in a public health detection and response including a 24/7 flow of critical health information, such as clinical data, alerts, and critical event data, among hospital emergency departments, state and local public health officials, law enforcement, and other key participants.	Ensure, by testing and documentation, at least 90 percent of the key stakeholders involved in a public health response can receive and send critical health information including alerts and critical event data.	To ensure effective communications connectivity among public health departments, healthcare organizations, law enforcement organizations, public officials, and others.
	Identify special populations that may potentially be affected by a terrorist event or infectious disease outbreak and develop plans for the transport, treatment, and short-term care of these individuals	Complete a plan for activities that will be implemented to meet the specific needs of special populations that include but are not limited to people with disabilities, people with serious mental illness, minority groups, the non-English speaking, children, and the elderly.	Complete a plan for crisis and emergency risk communication and information dissemination to educate the media, public, partners, and stakeholders regarding risks associated with the real or apparent threat and an effective public response.	Conduct trainings, drills, and exercises involving communication systems to ensure channels of communication to inform the public, partners, and stakeholders about recommendations during public health emergencies work in a timely and effective manner.	To provide needed health/risk information to the public and key partners during a terrorism event by establishing critical baseline information about the current communication needs and barriers within individual communities, and identifying effective channels of communication for reaching the general public and special populations during public health threats and emergencies.
	Train the state and local public healthcare workforce and other healthcare professionals	Implement a training plan which ensures priority preparedness training is provided across all Focus Areas to the state and local public health workforce, healthcare professionals, and laboratorians.	Support a Focus Area G Coordinator	Implement a learning management system capable of collecting and reporting data on all training and education activities as well as sharing "best practices" with other public health agencies.	To ensure the delivery of appropriate education and training to key public health professionals, infectious disease specialists, emergency department personnel, and other healthcare providers in preparedness for and response to bioterrorism, other infectious disease outbreaks, and other public health threats and emergencies, either directly or through the use of existing curricula and other sources, including Centers for Public Health

